

## Presentation No. Fifteen

## MODERN TIPPING MATERIALS

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Available: Transcripts - Yes  
Pre-conference excerpt - No

Commercially produced, tipped cigarettes were first manufactured in large numbers in the 1930's. This 'cork' tip was simply a band around the end of the (unfiltered) cigarette to prevent the sticking of the cigarette to the smoker's lips. Filter tipped cigarettes first appeared in the 1940's. By the 1950's, the filtered cigarette was well established, mainly for economical reasons as they could be produced (and sold) cheaper than full tobacco cigarettes. In some countries, such as the United Kingdom, taxes were less than for full tobacco cigarettes.

Because of smoking and health concerns, much in the news in the late fifties, restrictive filtering for cigarettes was pushed beyond customer acceptance. Smoke dilution, through the use of perforations in the tipping, was found to be a way of changing the composition of the smoke without unacceptable draw resistance. Tipping manufacturers faced the challenge of developing perforating methods to a near exact science. A joint effort between tipping, cigarette, and paper manufacturers resulted in mechanical, electrostatic and laser perforating equipment, each with it's advantages and disadvantages, providing choices for individual needs.

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